

TITLE OF THE INVENTION

A DATA CODE LABEL, A METHOD OF DECODING DATA CODES,  
AND AN OPTICAL DATA CODE DECODING SYSTEM

ABSTRACT OF THE DISCLOSURE

5       A data code label including a QR code and an ID tag  
including a memory having an identification code area and a decode  
data writing area. A data code in the QR code showing an error in  
decoding is corrected and stored in the memory in the ID tag while  
the degree of defection of the QR code is low. When the defects  
10   advance, the error rate will increase. If the error occurs after  
advance of defects, the decode data in the memory is read when the  
error is detected. If the decode data cannot be read, the error  
correction is effected. If the error rate is higher than a reference,  
the decode data is obtained from the memory. If this decreases the  
15   error rate under the reference, the error correction is effected.